IAP15 Rec'd PCT/PTO 0 4 AUG 2006

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. I ETTED TO THE HAITED STATES

ATTORNEY'S DOCKET NUMBER

020884-000011

U.S. APPLICATION NO (lifting was seen 37/CF) 1.5)

DESIGNATED/ELECTED (CONCERNING A SUBMISSIO	OFFICE (DO/EO/US)
INTERNATIONAL APPLICATION NO. PCT/ES2005/000046	INTERNATIONAL FILING DATA 3 February 2005
TITLE OF INVENTION METHOD FOR ASSESSING RISK OF A	ND PREDISPOSITION TO DEV

	TIONAL APPLICATION NO. 2005/000046	3 February 2005	PRIORITY DATE CLAIMED February 6, 2004	
TITLE OF METHO	INVENTION	PREDISPOSITION TO DEVEL	OPMENT OF A PATHOLOGY RELATED TO THE	
APPLICANT(S) FOR DO/EO/US José Hermida Santos Ramon Montez Diaz Verónica Hurtado Linares				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
1. 🛛	This is a FIRST submission of items concern	ing a submission under 35 U.S.C. 37	*1.	
2. 🗌	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.			
3. 🖾	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.			
4. 🛛	The US has been elected (Article 31).			
5. 🛛	A copy of the International Application as filed (35 U.S.C. 371(c)(2))			
	a. is attached hereto (required only if not communicated by the International Bureau).			
	b. 🔀 has been communicated by the International Bureau.			
	c. is not required, as the application was filed in the United States Receiving Office(RO/US)			
6. 🛛	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).			
•	a. Sis attached hereto.			
	b. has been previously submitted under	r 35 U.S.C. 154(d)(4).		
7. 🛛	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))			
	a. are attached hereto (required only if	not communicated by the Internation	al Bureau).	
	b. have been communicated by the Interest of t	ernational Bureau.		
	<u> </u>	ime limit for making such amendmen	ts has NOT expired.	
	d. A have not been made and will not be	made.		
8.	An English language translation of the amen	dments to the claims under PCT Artic	cle 19 (35 U.S.C. 371(c)(3)).	
9. 🗌	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
10.	An English language translation of the annex Article 36 (35 U.S.C. 371(c)(5)).	ces of the International Preliminary Ex	xamination Report under PCT	
Items	11 to 20 below concern document(s) or int	formation included:		
11. 🔲	An Information Disclosure Statement under	37 CFR 1.97 and 1.98.		
12. 🔲	An assignment document for recording. A se	eparate cover sheet in compliance wi	ith 37 CFR 3.28 and 3.31 is included.	
13. 🛛	A preliminary amendment.			
14. 🔲	An Application Data Sheet under 37 CFR 1.7	76.		
15. 🔲	A substitute specification.			
16. 🔲	A power of attorney and/or change of address	ss letter.		
17. 🛛	A computer-readable form of the sequence I	isting in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821 - 1.825.	
18. 🔲	A second copy of the published International	Application under 35 U.S.C. 154(d)(4).	
19. 🔲	A second copy of the English language trans	slation of the international application	under 35 U.S.C. 154(d)(4).	

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

AP20 Rec'd PCT/PTO 0 4 AUG 2006 PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER INTERNATIONAL APPLICATION NO. U.S. APPLICAT PCT/ES2005/000046 020884-000011 20. Other items or information: <<TEXT>> Paper copy of sequence listing, Statement of Identity, International Search Report, PCT Form PCT/IB/306 **CALCULATIONS** PTO USE ONLY The following fees have been submitted 21. 🔯 Basic national fee (37 CFR 1.492(a))......\$300 \$ 300.00 22. 🛛 Examination fee (37 CFR 1.492(c)) \$ 200.00 If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)......\$0 All other situations. Search fee (37 CFR 1.492(b)) \$ 400.00 If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)......\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an communicated to the US by the IB.....\$400 All other situations \$500 \$ 900.00 TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.82(c) or (e) or computer program listing in an electronic medium) (37 ČFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction RATE **Total Sheets** Extra sheets thereof (round up to a whole number) X \$250 - 100 = /50 = Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after S the date of commencement of the national stage (37 CFR 1.492(h)). NUMBER EXTRA NUMBER FILED RATE **CLAIMS** \$ **Total Claims** 10 × \$50 \$ 500.00 30 - 20 =x \$200 Independent Claims 2 - 3 = 0 \$ 0 MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$ 0 \$ 1,400.00 **TOTAL OF ABOVE CALCULATIONS =** Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL = \$ 700.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). **TOTAL NATIONAL FEE =** \$ 700.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by \$ an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property **TOTAL FEES ENCLOSED =** \$ 700.00 Amount to be \$ refunded: Amount to be \$ charged:

4

10/588/40

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

A check in the amount of \$700.00 to cover the above fees is enclosed AP20 Rec'd PCT/PTO 04 AUG 2006

Please charge my Deposit Account No. 13-4365 in the amount of \$ to cover the above fees. \boxtimes A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-4365. A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Moore & Van Allen PO Box 13706 Tristan Anne Fuierer 430 Davis Drive NAME Research Triangle Park, NC 27709 52,926 USA REGISTRATION NUMBER

0/588740 IAP20 Rec'd PCT/PTO 04 AUG 2006

Attorney Docket: 020884-000011

EXPRESS MAIL CERTIFICATE

EXPRESS MAIL LABEL NUMBER: EV 780581779 US

Date of Deposit: August 4, 2006

First Named Inventor: Jose Hermida Santos

METHOD FOR ASSESSING RISK OF AND PREDISPOSITION TO DEVELOPMENT OF A PATHOLOGY RELATED TO THE PRESENCE OF ANTI-EPCR AUTOANTIBODIES

I hereby certify that the following documents:

Express Mail Certificate; and

- 1. Transmittal Letter to the United States Designated/Elected Office (PTO-1390);
- 2. 36 pages of spec., 8 pages of claims (1-38), Abstract, 3 pages of drawings (Figs. 1-3);
- 3. Preliminary Amendment
- 4. Statement of Identity under 37 C.F.R. §1.821 (f)
- 5. Submission under 35 U.S.C.§371
- International Search Report for International Application No. PCT/ES2005/000046 6.
- 7. -Copy of Cover Page of Published Application No. WO 05/076000 A1
- PCT Notification of the Recording of a Change 8.
- 3 page Sequence Listing 9. .
- Diskette including Sequence Listing 10.
- Check in the amount of \$700.00 11.
- 12. Acknowledgement Postcard

are being deposited in a single envelope with the United States Postal Services "Express Mail" service under 37 C.F.R. 1.10 on the date indicated above and such envelope is addressed to: Mail Stop: PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

(Signature of Person Mailing Documents)